

A NEW BRITISH FOODPLANT FOR *STIGMELLA TILIAE* (FREY) (LEP.: NEPTICULIDAE) — On 5.xi.1987, whilst on a leaf-mine collecting foray in Colwick Country Park, Nottinghamshire (SK 615397), I collected two tenanted, nepticulid mines from leaves on suckers growing from a stump of *Tilia platyphyllos* (large-leaved lime). Emmet (in Heath: *Moths and Butterflies of Great Britain and Ireland* vol. 1) describes the only lime-feeding nepticulid, *Stigmella tiliae*, as feeding on *Tilia cordata*, the small-leaved lime.

The mines agreed with the description given by Emmet (*loc. cit.*) for *S. tiliae*, although the larva normally vacates the mine in October. *Stigmella tiliae* has been recorded on the continent from *Tilia platyphyllos*, but I can find no record of this foodplant being utilised in Britain. My thanks are due to Harry Beaumont and Mark Sterling for confirming my identification. A.S. BOOT, 38 Balmoral Road, Colwick, Nottingham NG4 2GD.

FREQUENCY DISTRIBUTION OF AQUATIC HEMIPTERA HETEROPTERA FROM CUMBRIA

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During the past four years (1982-1986) I have made a small survey of the aquatic heteroptera of Cumbria; in particular the West Cumbrian region has been more intensively studied. The area worked contains some interesting habitats and water bodies. A number of lakes, upland tarns and peat pools were investigated, and collecting was also carried out in the standing water in old disused quarries. Large ponds created in abandoned mine workings in the area were sampled as well as brackish and estuarine pools on the coast.

Collecting was done by hand net and by the use of a drag line net. A total of fifteen 10km squares were visited, and this represents for this survey 88 individual 1km squares of the National Grid.

Figure 1 shows the distribution of the 39 species collected in each of the fifteen 10km squares.

Figure 2 is the relative frequency for each of the species arranged by families recorded in 88 1km squares of the National Grid.

Acknowledgements

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